Fig.1A

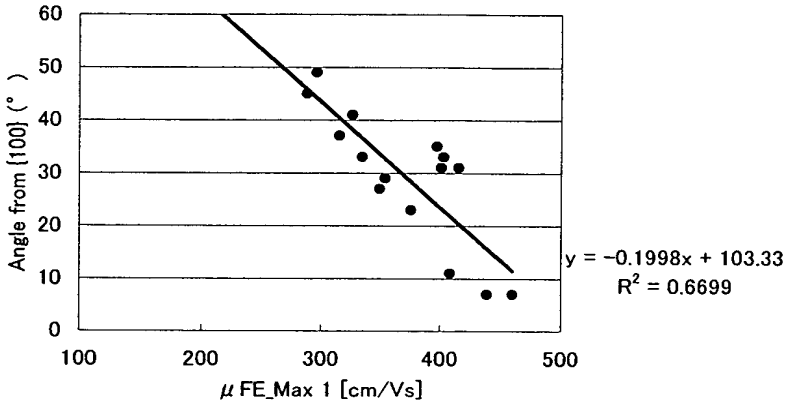

60
50
40
30
20
10
0
Angle from {100} (°)
100
200
300
400
500
μ FE_Max 1 [cm/Vs]
y = −0.1998x + 103.33
R² = 0.6699

Fig.1B

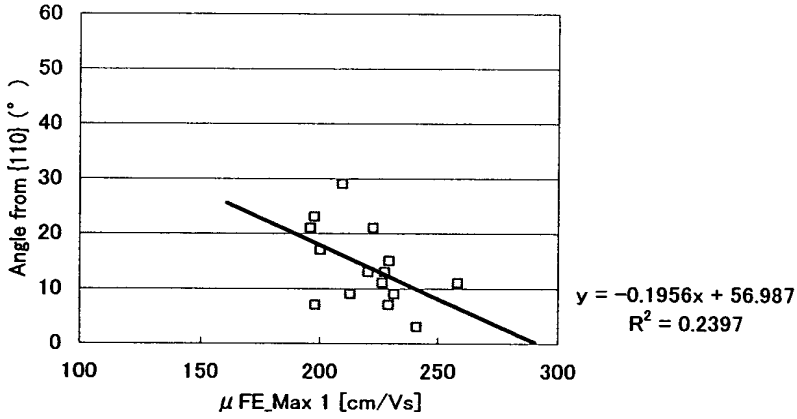
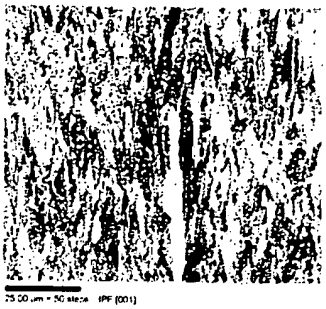
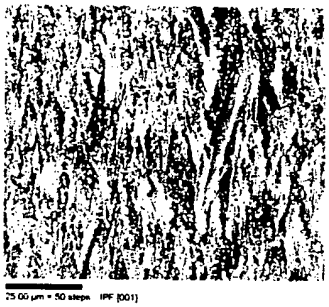
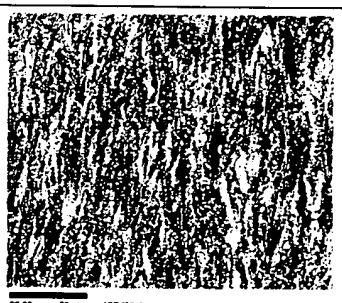

60
50
40
30
20
10
0
Angle from {110} (°)
100
150
200
250
300
μ FE_Max 1 [cm/Vs]
y = −0.1956x + 56.987
R² = 0.2397

Fig.2

Scan Speed	Inverse Pole Figure	Orientation Ratio
2cm/sec		{100}: 8.1% {110}: 4.9% {111}: 2.0%
3cm/sec		{100}: 7.9% {110}: 4.2% {111}: 1.9%
20cm/sec		{100}: 9.2% {110}: 8.8% {111}: 1.7%
50cm/sec		{100}: 3.4% {110}: 9.1% {111}: 2.0%
90cm/sec		{100}: 1.5% {110}: 15.7% {111}: 1.1%

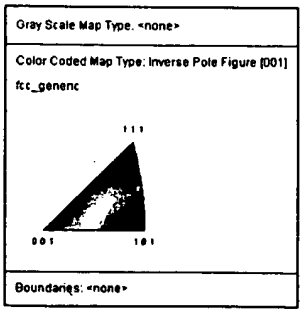


Fig. 3

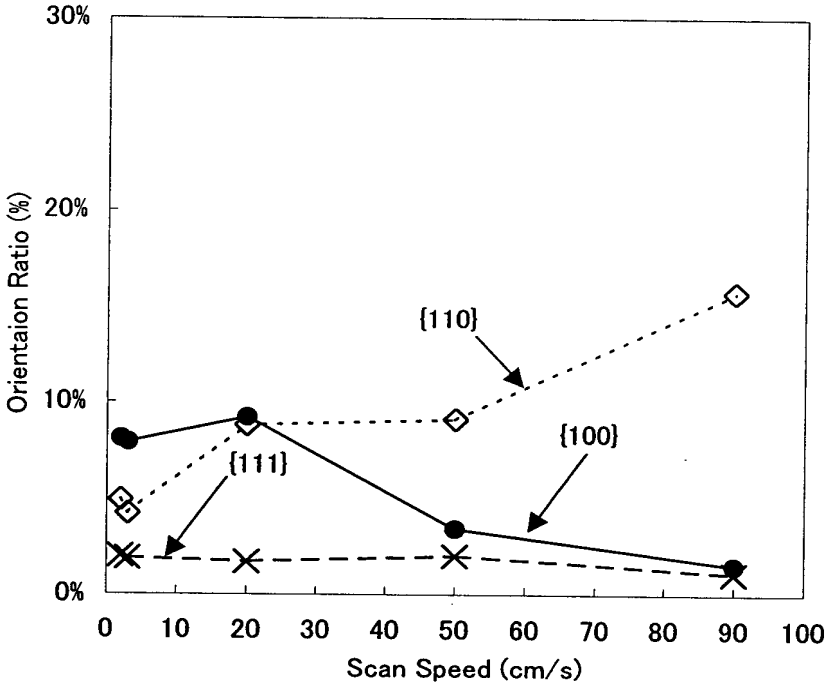

30%
20%
10%
0%
Orientaion Ratio (%)
{110}
{100}
{111}
0
10
20
30
40
50
60
70
80
90
100
Scan Speed (cm/s)

Fig.4A

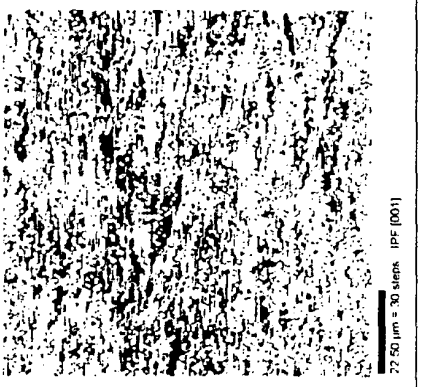
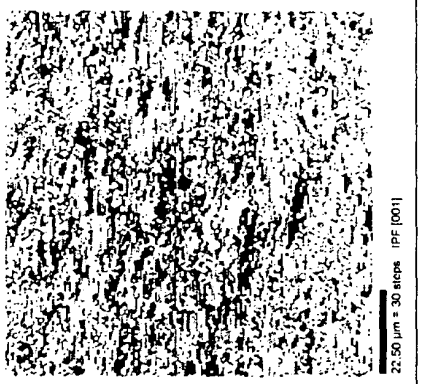
Inverse Pole Figure	Orientaion Ratio
	{100}: 3.8% {110}: 15.5% {111}: 1.9%

Fig.4B

	{100}: 3.7% {110}: 9.1% {111}: 1.0%

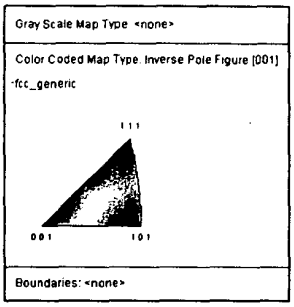


Fig.5

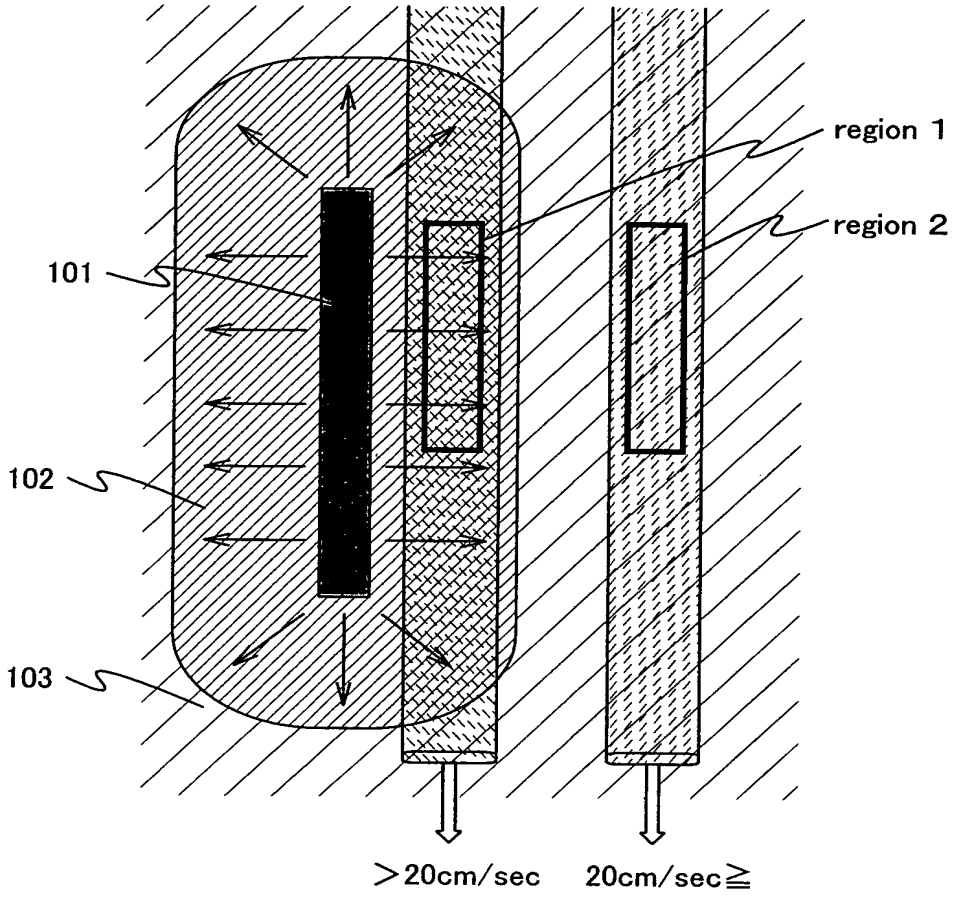


Fig.6A

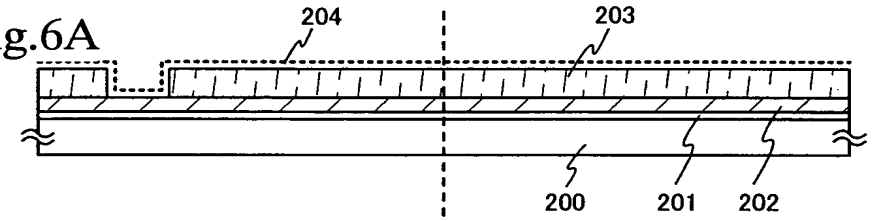


Fig.6B

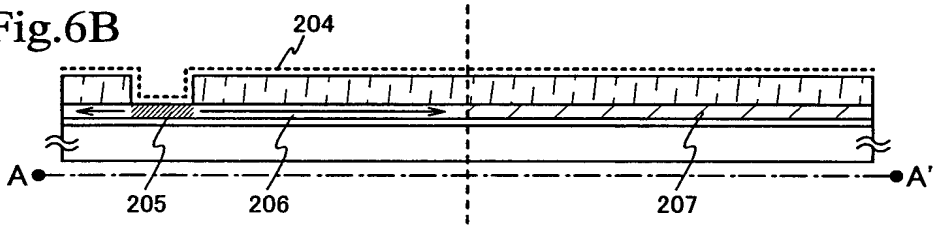


Fig.6C

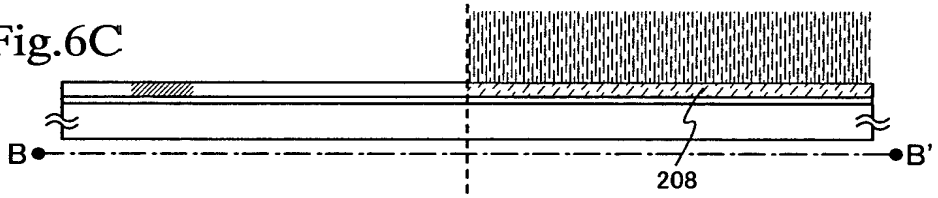


Fig.6D

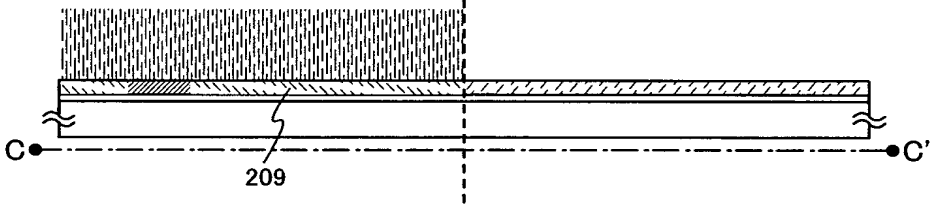


Fig.6E

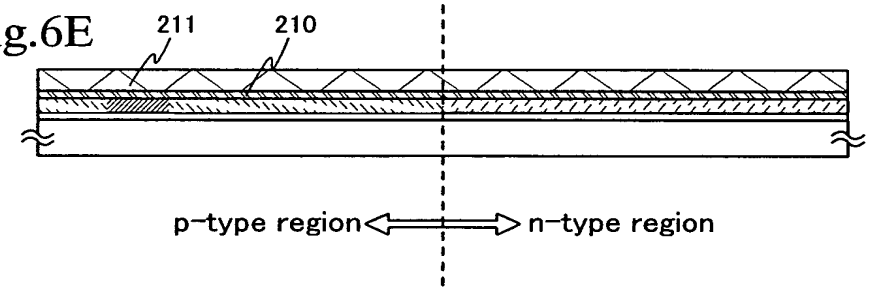


Fig.7A

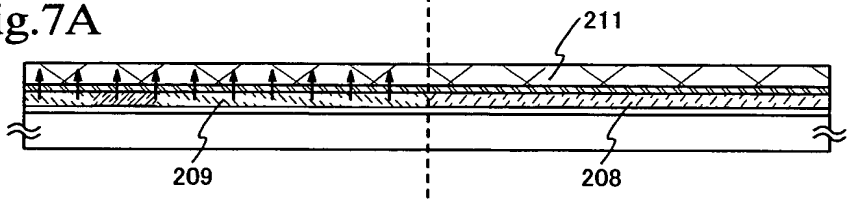


Fig.7B

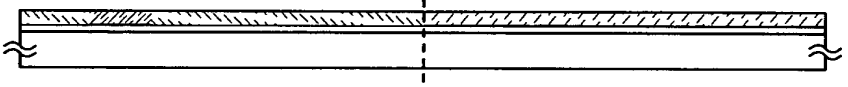


Fig.7C

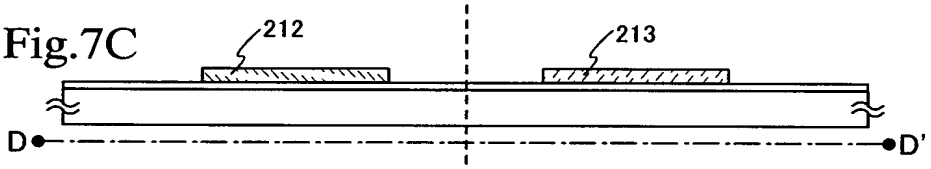


Fig.7D

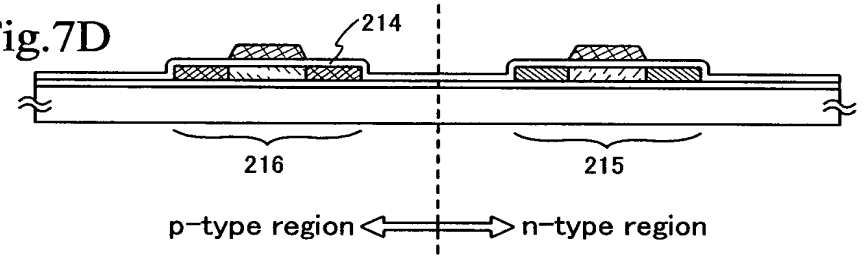


Fig.8A

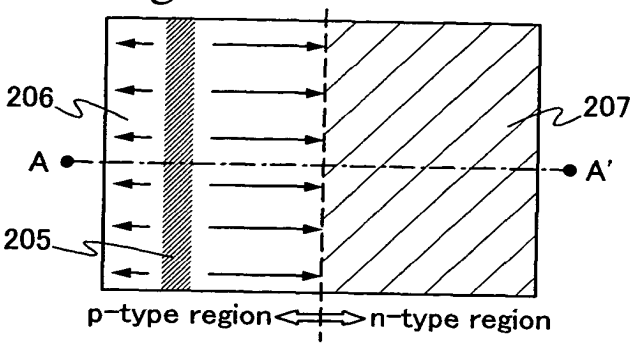


Fig.8B

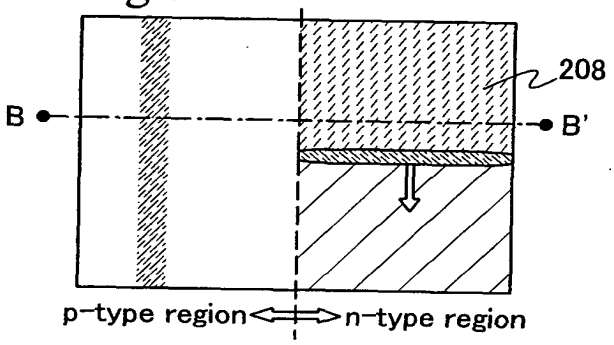


Fig.8C

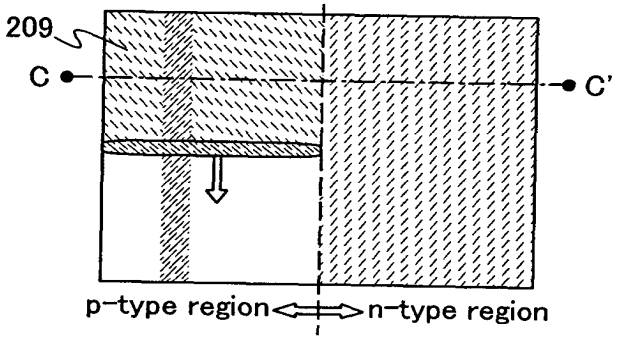


Fig.8D

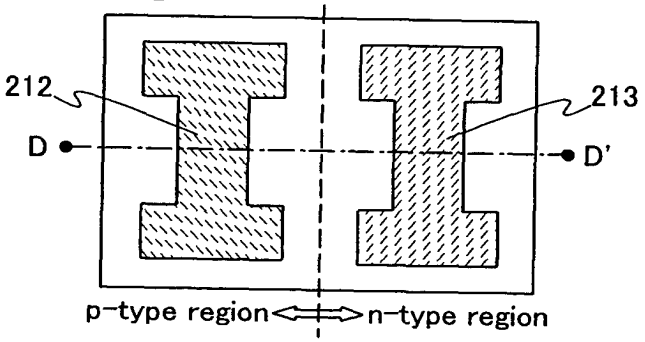


Fig.9A

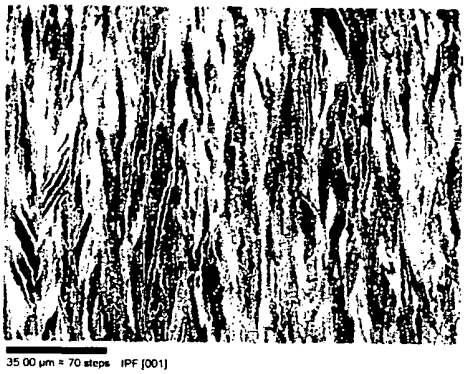
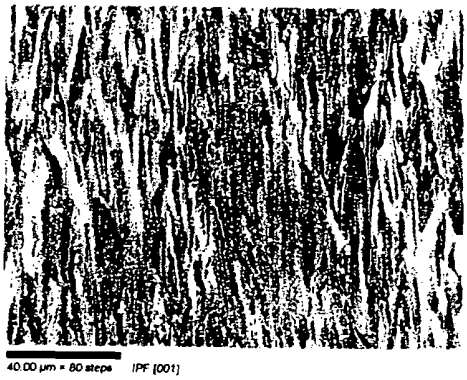
Inverse Pole Figure	Orientation Ratio
	{100}: 1.8% {110}: 14.1% {111}: 1.3%

Fig.9B

	{100}: 5.1% {110}: 9.4% {111}: 3.0%

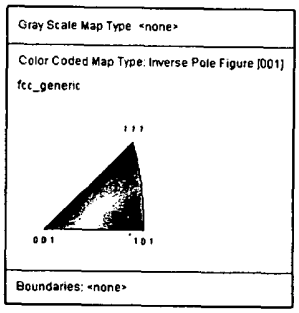


Fig.10A

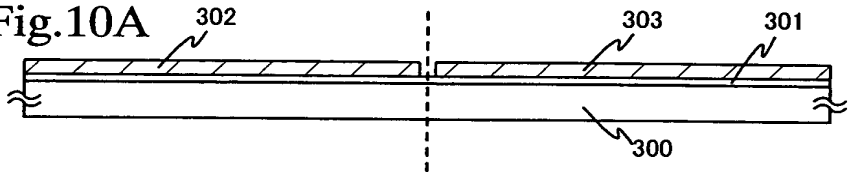


Fig.10B

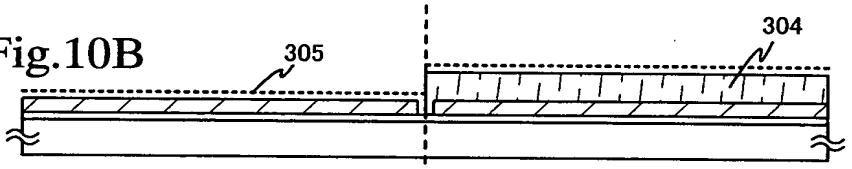


Fig.10C

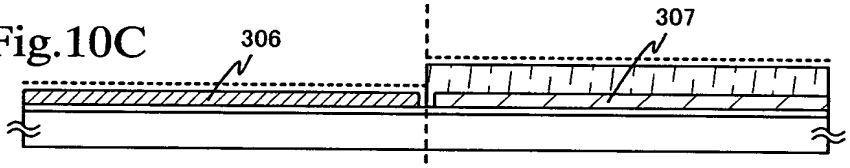


Fig.10D

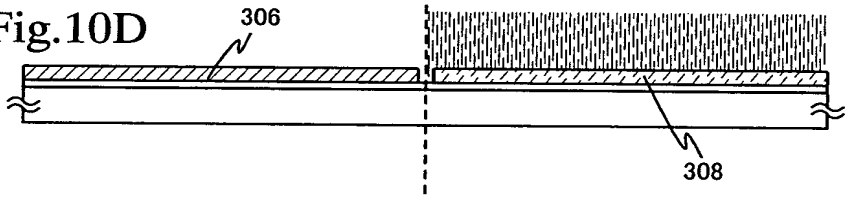


Fig.10E

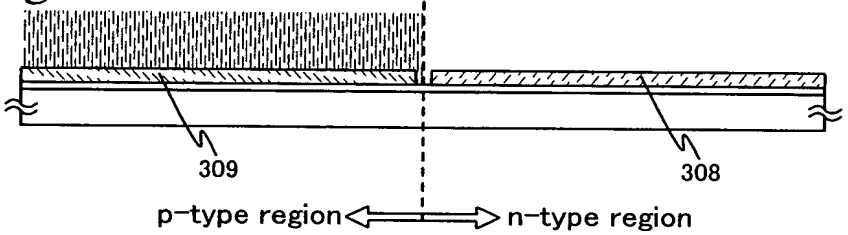


Fig.11A

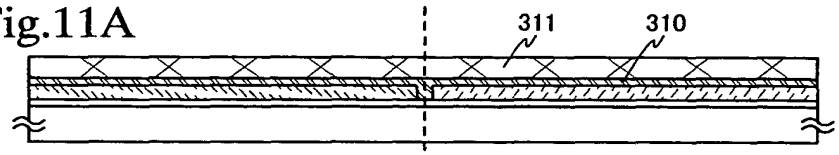


Fig.11B

Fig.11C

Fig.11D

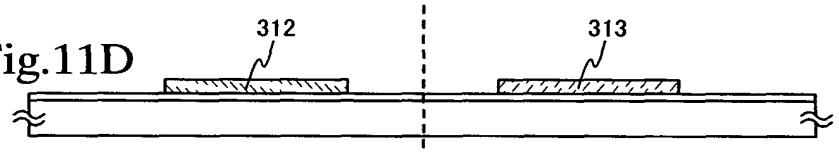


Fig.11E

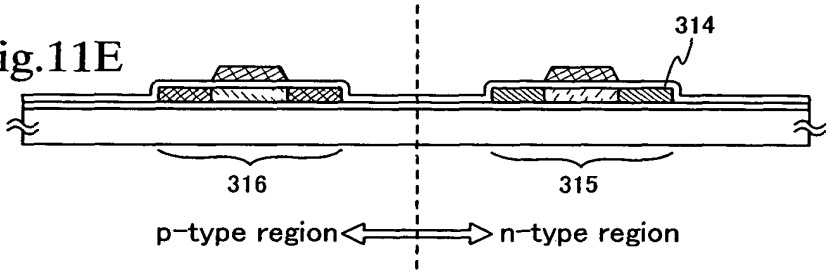


Fig.12A

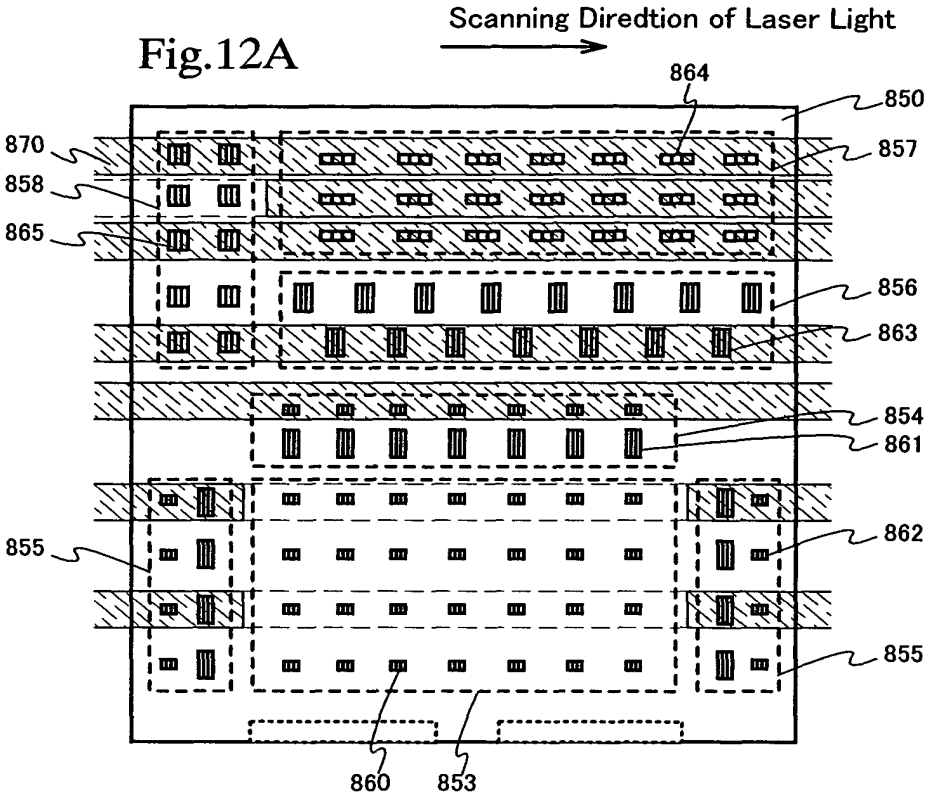


Fig.12B

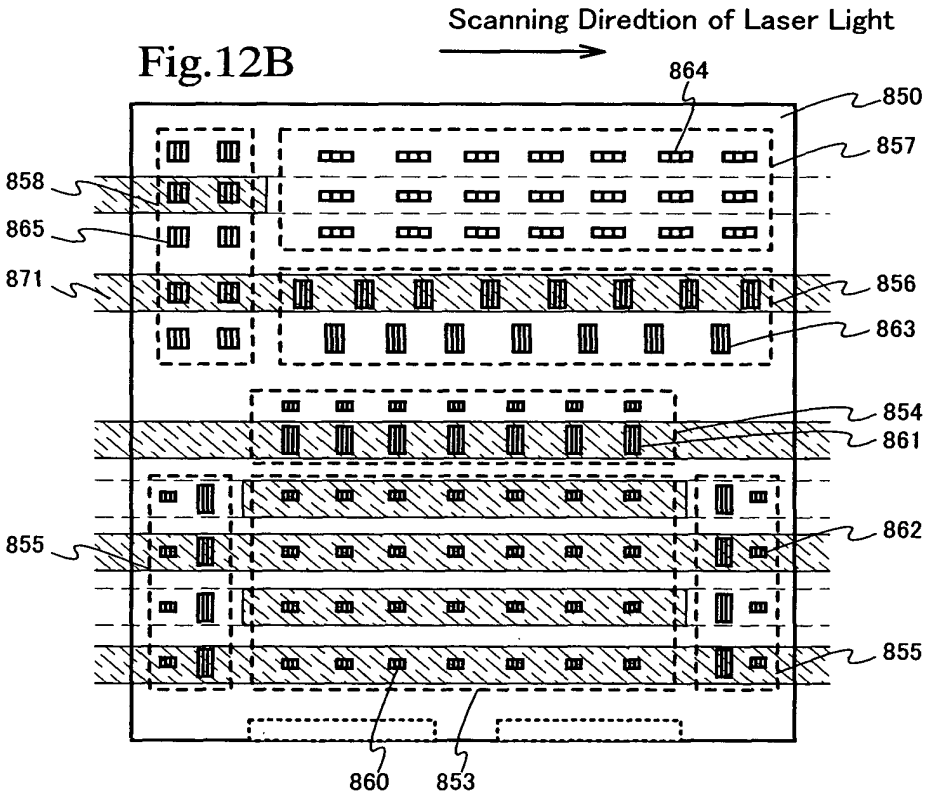


Fig.13A

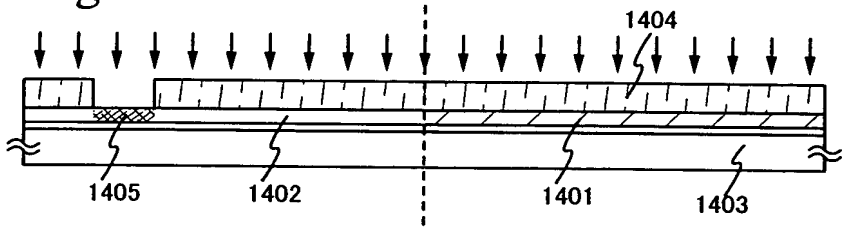


Fig.13B

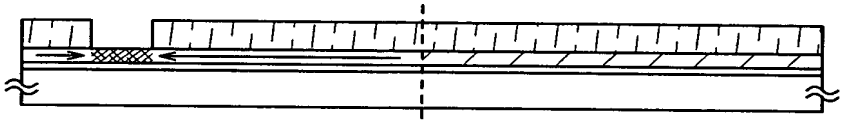


Fig.13C

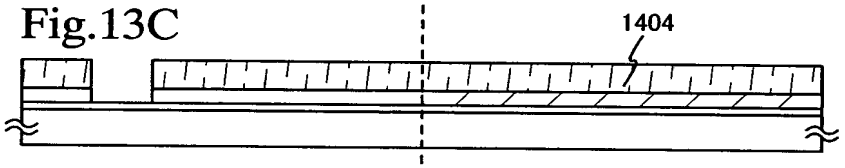


Fig.14

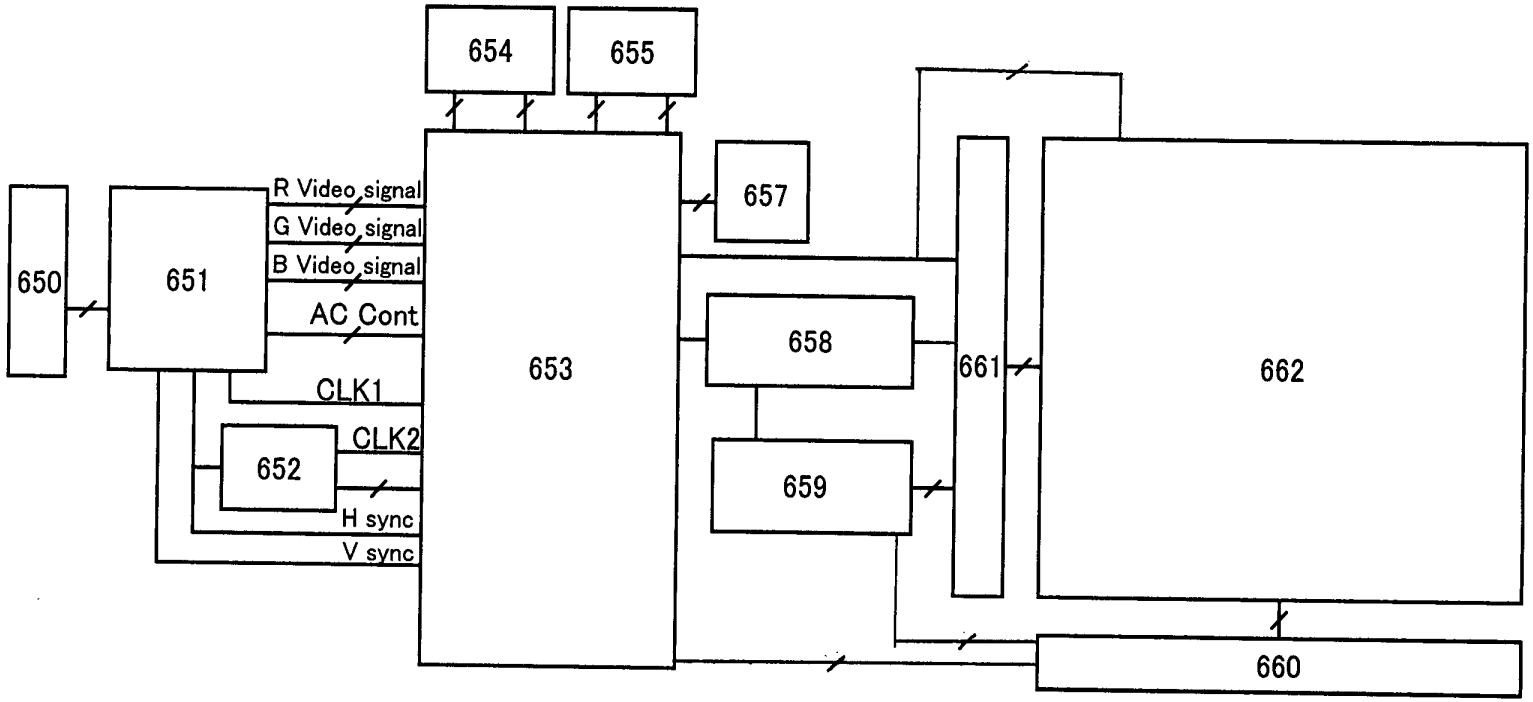

654
655
650
651
R Video signal
G Video signal
B Video signal
AC Cont
CLK1
CLK2
652
H sync
V sync
653
657
658
659
661
662
660

Fig.15A

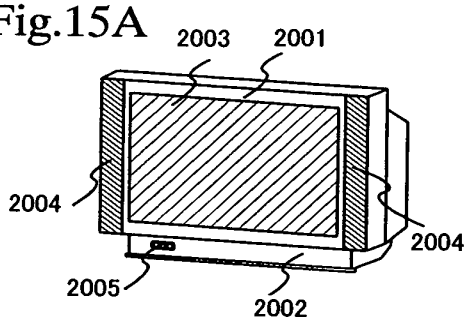
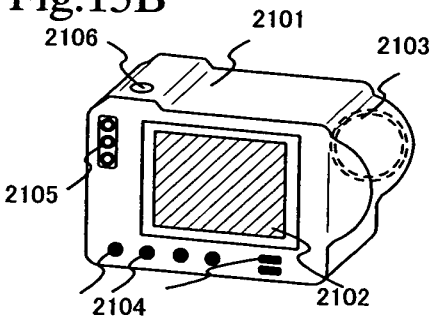


Fig.15B



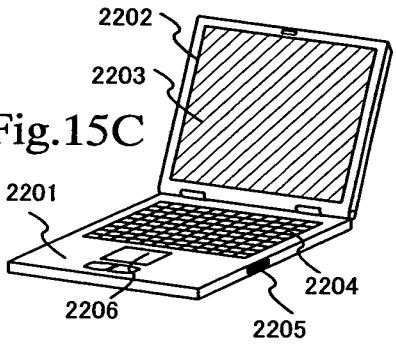


Fig.15C

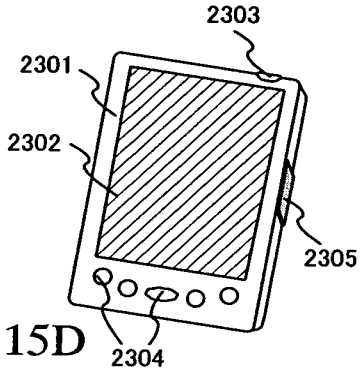


Fig.15D

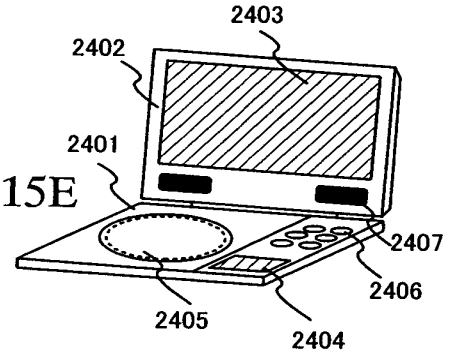


Fig.15E

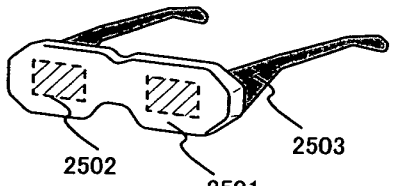


Fig.15F

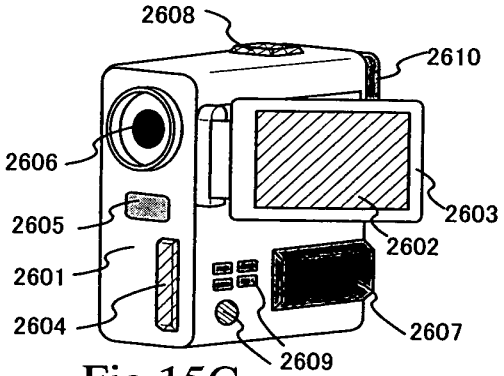


Fig.15G

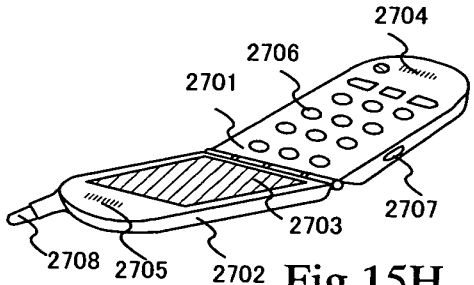
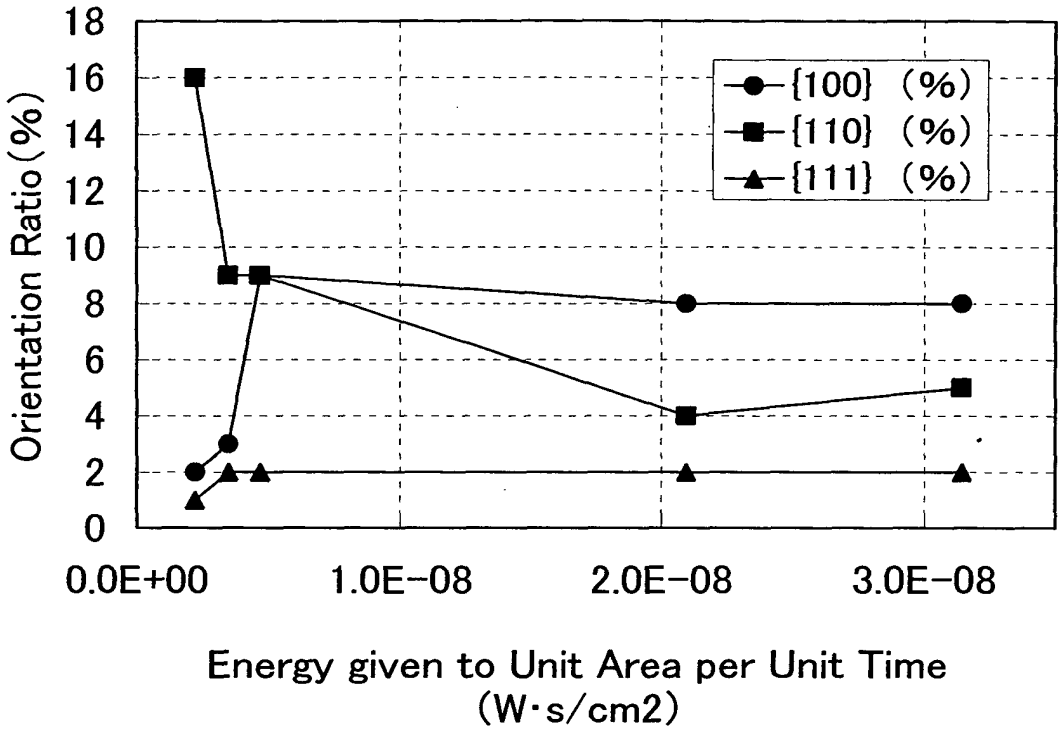


Fig.15H

Fig.16


18
16
14
12
10
8
6
4
2
0
Orientation Ratio (%)
{100} (%)
{110} (%)
{111} (%)
0.0E+00
1.0E-08
2.0E-08
3.0E-08
Energy given to Unit Area per Unit Time
(W·s/cm2)